

**PUBLIC SAFETY DEPARTMENT[661]**

**Adopted and Filed**

Pursuant to the authority of Iowa Code sections 100.1 and 100.35, the State Fire Marshal hereby amends Chapter 201, "General Fire Safety Requirements," Iowa Administrative Code.

Iowa Code sections 100.1 and 100.35 authorize the State Fire Marshal to adopt requirements for fire safety in a variety of occupancies including schools, college buildings and "buildings or structures in which persons congregate from time to time." Included in the State Fire Marshal's rules are requirements for bleachers, telescopic and folding seating, and grandstands. Language included in a nationally recognized standard for these types of seating, which is adopted by reference within the rules of the State Fire Marshal, requires annual inspections. The same standard has also been adopted by reference within the State of Iowa Building Code by the Building Code Commissioner.

Several inquiries have been received recently regarding the qualifications of the persons who perform the required inspections. This issue was addressed by a formal interpretation of the requirement issued jointly by the State Fire Marshal and the Building Code Commissioner in May 2011. The amendment adopted herein incorporates the explanatory language used in the interpretation directly into the rule. This language should aid in reducing confusion about who may perform the required inspections. The language adopted herein clarifies that any person, including the owner or an employee of the owner of the structure being inspected, may perform a required inspection, provided that the person performing the inspection is knowledgeable about the requirements for the structure.

This amendment was proposed in a Notice of Intended Action and was published in the Iowa Administrative Bulletin as **ARC 9561B** on June 15, 2011. A public hearing to accept comments on the proposed amendment was held on August 2, 2011. No comments were received at the hearing or otherwise.

A nonsubstantive change was made in the amendment adopted herein. Paragraph letters have been added to the previously unlettered paragraphs of the amended subrule. This should ease identification of particular provisions within the subrule and eliminate the need to reprint the entire subrule if amendments to it are made in the future.

No fiscal impact to the state is anticipated.

After analysis and review of this rule making, no impact on jobs has been found.

This amendment is intended to implement Iowa Code section 100.35.

This amendment will become effective December 1, 2011.

The following amendment is adopted.

Amend subrule 201.2(1) as follows:

**201.2(1)** International Fire Code, 2009 edition, published by the International Code Council, 5203 Leesburg Pike, Suite 600, Falls Church, VA 22041, with the following amendments:

a. Delete section 103 and sections contained therein, section 104 and sections contained therein, section 105 and sections contained therein, section 106 and sections contained therein, section 107 and sections contained therein, section 108 and sections contained therein, section 109 and sections contained therein, section 110 and sections contained therein, section 111 and sections contained therein, section 112, and section 113 and sections contained therein.

b. Delete section 301.2.

c. Delete section 307.2.

d. Delete section 307.3 and insert in lieu thereof the following new section:

**307.3 Extinguishment Authority.** The state fire marshal or an employee of the fire marshal division authorized to do so by the fire marshal, or local fire chief or member of the local fire department authorized to do so by the fire chief, is authorized to order the extinguishment by the permit holder, another person responsible or the fire department of open burning that creates or adds to a hazardous or objectionable situation.

e. Delete section 308.1.4 and insert in lieu thereof the following new section:

**308.1.4 Open Flame Cooking Devices.** Charcoal burners and ash- or coal-producing devices shall not be operated on combustible balconies or within 10 feet of combustible construction.

Exceptions:

1. One- and two-family dwellings.
2. LP-gas burners connected to one (1) 20-pound LP-gas container.
3. Where buildings, balconies and decks are protected by an automatic sprinkler system.

f. Delete section 315.2.3 and insert in lieu thereof the following new section:

**315.2.3 Equipment Rooms.** Combustible material shall not be stored in boiler rooms, mechanical rooms, or electrical equipment rooms.

Exception: In sprinklered equipment rooms that have sufficient space to allow a minimum of 10 feet between all combustible storage and the heating, mechanical or electrical equipment in the room.

g. Delete section 405.2 and table 405.2 and insert in lieu thereof the following new section and new table:

**405.2 Frequency.** Required emergency evacuation drills shall be held at the intervals specified in Table 405.2 or more frequently where necessary to familiarize all occupants with the drill procedure.

**TABLE 405.2**  
**FIRE AND EVACUATION DRILL FREQUENCY AND PARTICIPATION**

GROUP OR OCCUPANCY	FREQUENCY	PARTICIPATION
Group A	Quarterly	Employees
Group B <sup>(c)</sup>	Annually	Employees
Group E	See <sup>(a)</sup> below	All occupants
Group I	Quarterly on each shift	Employees
Group I <sup>(b)</sup> and Group R-4 (assisted living facilities)	Quarterly	All occupants
Group R-1	Quarterly on each shift	Employees
Group R-2 <sup>(d)</sup>	Four annually	All occupants
High-rise	Annually	Employees

Footnotes:

<sup>(a)</sup> The frequency shall be allowed to be modified in accordance with Section 408.3.2. Fire and severe weather drills shall be conducted in accordance with Iowa Code chapter 100.

<sup>(b)</sup> Fire and evacuation drills in assisted living facilities shall include complete evacuation of the premises in accordance with Section 408.10.5. Drills shall be conducted not less than six times per year on a bimonthly basis, with not less than two drills conducted during the night when residents could reasonably be expected to be sleeping. The drills shall be permitted to be announced in advance to the residents. Where occupants receive habilitation or rehabilitation training, fire prevention and fire safety practices shall be included as part of the training program.

<sup>(c)</sup> Group B buildings that have an occupant load of 500 or more persons or more than 100 persons above or below the lowest level of exit discharge.

<sup>(d)</sup> Applicable to Group R-2 college and university buildings in accordance with Section 408.3.

h. Delete section 609.1 and insert in lieu thereof the following new section:

**609.1 General.** Commercial kitchen exhaust hoods shall comply with the requirements of National Fire Protection Association (NFPA) 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, 2004 edition.

i. Delete section 807.4.3.1 and insert in lieu thereof the following new section:

**807.4.3.1 Storage in corridors and lobbies.** Clothing and personal effects shall not be stored in corridors and lobbies.

Exceptions:

1. Corridors protected by an approved automatic sprinkler system installed in accordance with Section 903.3.1.1.

2. Storage in metal lockers, provided the minimum required egress width is maintained.

j. Delete section 906.1 and insert in lieu thereof the following new section:

**906.1 Where Required.** Portable fire extinguishers shall be installed in the following locations:

1. In new and existing Group A, B, E, F, H, I, M, R-1, R-2, R-4 and S occupancies.

2. Within 30 feet (9144 mm) of commercial cooking equipment.

3. In areas where flammable or combustible liquids are stored, used or dispensed.

4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1415.1.

5. Where required by the sections indicated in Table 906.1.

6. Special-hazard areas, including but not limited to laboratories, computer rooms and generator rooms.

k. Add the following new paragraph to section 907.2.2:

4. The Group B fire area that contains an educational occupancy for students above the twelfth grade with an occupant load of greater than 50 persons.

l. Delete section 907.2.3 and insert in lieu thereof the following new section:

**907.2.3 Group E.** In the absence of a complete automatic sprinkler system, a complete automatic detection system shall be installed throughout the entire Group E occupancy. A Group E occupancy with a complete automatic sprinkler system shall be provided with a fire alarm system with a minimum of corridor smoke detection, at a maximum spacing of 30 feet on center, and heat or smoke detection in any hazardous or nonoccupied areas. When automatic sprinkler systems or smoke detectors are installed, such systems or detectors shall be connected to the building fire alarm system.

Exceptions:

1. Group E occupancies with an occupant load of less than 50.

2. Manual fire alarm boxes are not required in Group E occupancies where all of the following apply:

2.1. Interior corridors are protected by smoke detectors with alarm verification.

2.2. Auditoriums, cafeterias, gymnasiums and the like are protected by heat detectors or other approved detection devices.

2.3. Shops and laboratories involving dusts or vapors are protected by heat detectors or other approved detection devices.

2.4. Off-premises monitoring is provided.

2.5. The capability to activate the evacuation signal from a central point is provided.

2.6. In buildings where normally occupied spaces are provided with a two-way communication system between such spaces and a constantly attended receiving station from which a general evacuation alarm can be sounded, except in locations specifically designated by the fire code official.

3. Manual fire alarm boxes shall not be required in Group E occupancies where the building is equipped throughout with an approved automatic sprinkler system, the notification appliances will activate on sprinkler water flow, and manual activation is provided from a normally occupied location.

m. Add the following new section 1003.8:

**1003.8 Location of Preschool through Second Grade Students.** In Group E occupancies, rooms normally occupied by preschool, kindergarten or first grade students shall not be located above or below the level of exit discharge. Rooms normally occupied by second grade students shall not be located more than one story above the level of exit discharge.

n. Delete section 1028.1.1 and insert in lieu thereof the following new section:

**1028.1.1** Bleachers, grandstands, and folding and telescopic seating that are not building elements shall comply with ICC-300, Standard for Bleachers, Folding and Telescopic Seating, and Grandstands, 2007 edition, with the following amendments to ICC-300:

(1) Delete section 105.2 and insert in lieu thereof the following new section:

**105.2 Yearly inspection required.** The owner shall cause all bleachers and folding and telescopic seating installed on or after December 1, 2011, to be inspected at least once a year in order to verify

that the structure is maintained in compliance with the provisions of this standard. All folding and telescopic seating shall also be inspected to evaluate compliance with the manufacturer's installation and operational instructions during the opening and closing of such seating. Any inspection conducted in compliance with this section may be conducted by any knowledgeable person including, but not limited to, a person who has been instructed by the manufacturer or installer as to procedures and standards for inspections of the structure being inspected and including, but not limited to, the owner of the structure or an employee of the owner of the structure. There are no further restrictions on the identity or employment of the person conducting the inspection unless otherwise provided by law. The owner shall maintain documentation of the required annual inspections, which shall show the date and name of the person conducting the inspection and shall be initialed by the person conducting the inspection.

(2) Delete section 501.2 and insert in lieu thereof the following new section:

**501.2 Inspections.** All tiered seating that was installed prior to December 1, 2011, shall be inspected at least once a year. The required inspection may be conducted by any knowledgeable person including, but not limited to, a person who has been instructed by the manufacturer or installer as to procedures and standards for inspections of the structure being inspected and including, but not limited to, the owner of the structure or an employee of the owner of the structure. There are no further restrictions on the identity or employment of the person conducting the inspection unless otherwise provided by law. All folding and telescopic seating shall be inspected to evaluate compliance with the manufacturer's installation and operational instructions and shall be inspected during the opening and closing of such seating. The owner shall maintain documentation of the required annual inspections, which shall show the date and name of the person conducting the inspection and shall be initialed by the person conducting the inspection.

o. Amend any reference to any section within chapter 22 to read as a reference to "Chapter 22."

p. Delete chapter 22 and insert in lieu thereof the following new chapter:

#### CHAPTER 22

### MOTOR FUEL-DISPENSING FACILITIES AND REPAIR GARAGES

#### SECTION 2201

##### GENERAL

**2201.1** Motor fuel-dispensing facilities and repair garages shall comply with the applicable provisions of 661—Chapter 221.

q. Amend any reference to any section within chapter 34 to read as a reference to "Chapter 34."

r. Delete chapter 34 and insert in lieu thereof the following new chapter:

#### CHAPTER 34

### FLAMMABLE AND COMBUSTIBLE LIQUIDS

#### SECTION 3401

##### GENERAL

**3401.1** Transportation, storage, handling, and use of flammable and combustible liquids shall comply with the applicable provisions of 661—Chapter 221.

s. Amend any reference to any section within chapter 38 to read as a reference to "Chapter 38."

t. Delete chapter 38 and insert in lieu thereof the following new chapter:

#### CHAPTER 38

### LIQUEFIED PETROLEUM GASES

#### SECTION 3801

##### GENERAL

**3801.1** Transportation, storage, handling, and use of liquefied petroleum gases shall comply with the applicable provisions of 661—Chapter 226.

u. Delete section 4603.6.1 and insert in lieu thereof the following new section:

**4603.6.1** Existing Group E occupancies shall be provided with a fire alarm system with a minimum of corridor smoke detection, at a maximum spacing of 30 feet on center, and heat or smoke detection in any hazardous or nonoccupied areas. Where smoke or heat detectors are installed, such detectors shall be connected to the building fire alarm system.

Exceptions:

1. A building with a maximum area of 1,000 square feet that contains a single classroom and is located no closer than 50 feet from another building.

2. Group E occupancy with an occupant load of less than 50.

v. Any reference to NFPA 10 is amended to read as follows:

NFPA 10 with the following amendment:

Delete sections 7.1.2.1, 7.1.2.2, and 7.1.2.3 and insert in lieu thereof the following new sections:

7.1.2.1 A trained person who has undergone the instructions necessary to reliably perform maintenance and has the manufacturer's service manual shall service the fire extinguishers not more than one year apart, as outlined in Section 7.3.

7.1.2.2\* Maintenance, servicing, and recharging shall be performed by trained persons who have available the appropriate servicing manual(s), the proper types of tools, recharge materials, lubricants, and manufacturer's recommended replacement parts or parts specifically listed for use in the fire extinguisher.

NOTE: Requirements in NFPA 10 for certification of personnel who maintain portable fire extinguishers are removed. These personnel must still be trained and have available service manuals.

w. Adopt Appendices B, C, and D.

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EDITOR'S NOTE: For replacement pages for IAC, see IAC Supplement 10/5/11.